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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS

UNION COUNTY

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County Statistical Bulletin

No. 89

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Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

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IOWA STATE COLLEGE EXTENSION SERVICE
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IOWA AGRICULTURAL STATISTICS- UNION COUNTY

County Statistical Bulletin No. 89

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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The genreal program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

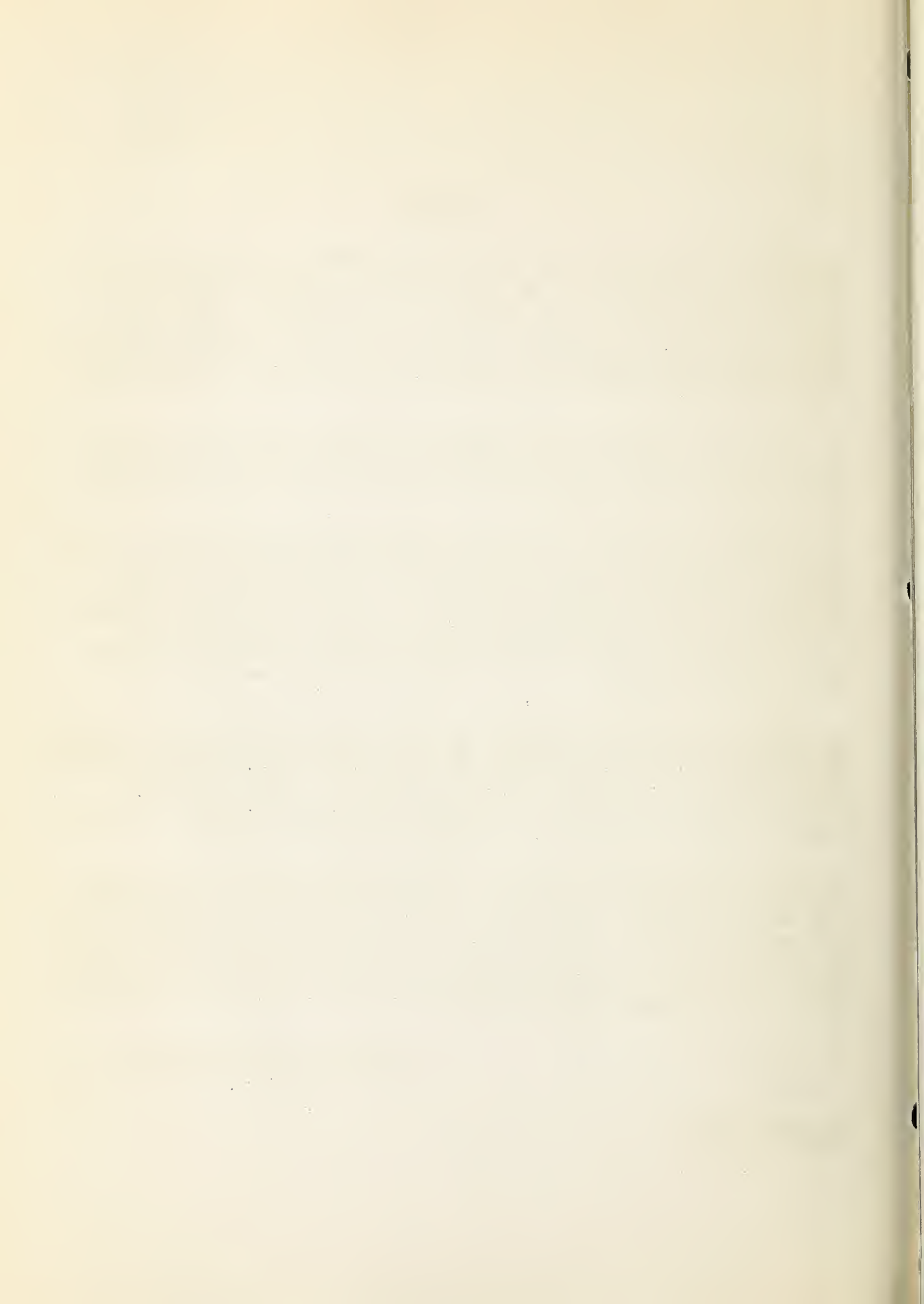
In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 21 and 23.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa.
November, 1940.



IOWA AGRICULTURAL STATISTICS - UNION COUNTY

Union County was established in 1851. In the original bill providing for its establishment the county was named Mason, in honor of Judge Charles Mason. However, just before its passage, the bill was amended to change the name to Union because the Compromise of 1850 had just been passed by the United States Congress. It was thought that the Union had been preserved by this action. 1/

The Mormons, on their westward trek in 1846, seem to have made the first settlement. They located near the almost extinct village of Talmage in the eastern part of the county. While no authentic census was taken at the time, the Mormon records list some 2,000 people as living in the "Big Field", as their settlement was called; another name for it was Mt. Pisgah. They left within a few years, selling their possessions to the newer settlers who were constantly arriving. There is a Mormon Cemetery and memorial marker near Talmage. 2/ Norman Nun and Joseph B. Nun, who came with their families from Indiana, in 1850, and James H. Stark and family credited as being the first permanent settlers in the county. 3/ They purchased their homes from the Mormons.

The county was formally organized in 1853. In 1855 a site was chosen for the county-seat and named Afton at the suggestion of Mrs. James Baker, who was very fond of the song "Flow Gently Sweet Afton." 4/ When the Burlington and Missouri River Railroad, now the Chicago, Burlington and Quincy, was built through the county in 1869, a division station was established at Creston (elevation 1,312 ft.), so named because it is the highest point on the Burlington line in Iowa. Creston became the county-seat as a result of an election held November 6, 1890. 5/

Area

Union County is 18 by 24 miles in extent, comprising 427 square miles 6/, or 273,280 acres. Of this number, 263,636 acres are farm land. 7/ There are 12 townships in the county and it ranks sixty-fourth in the State in point of size, sharing this place with Adams and Henry counties.

Soils

The soils of Union County are grouped into four classes according to their origin and location; namely, drift, loess, terrace, and swamp and bottom-land. The drift soils cover 46.0 percent of the surface and are divided into Shelby

1/ Gue, B. F., History of Iowa. Vol. III, p. 416. The Century History Co., New York City. 1903.

2/ Ide, Geo. A., History of Union County, Iowa. pp. 19-22. S. J. Clarke Publishing Co., Chicago. 1908.

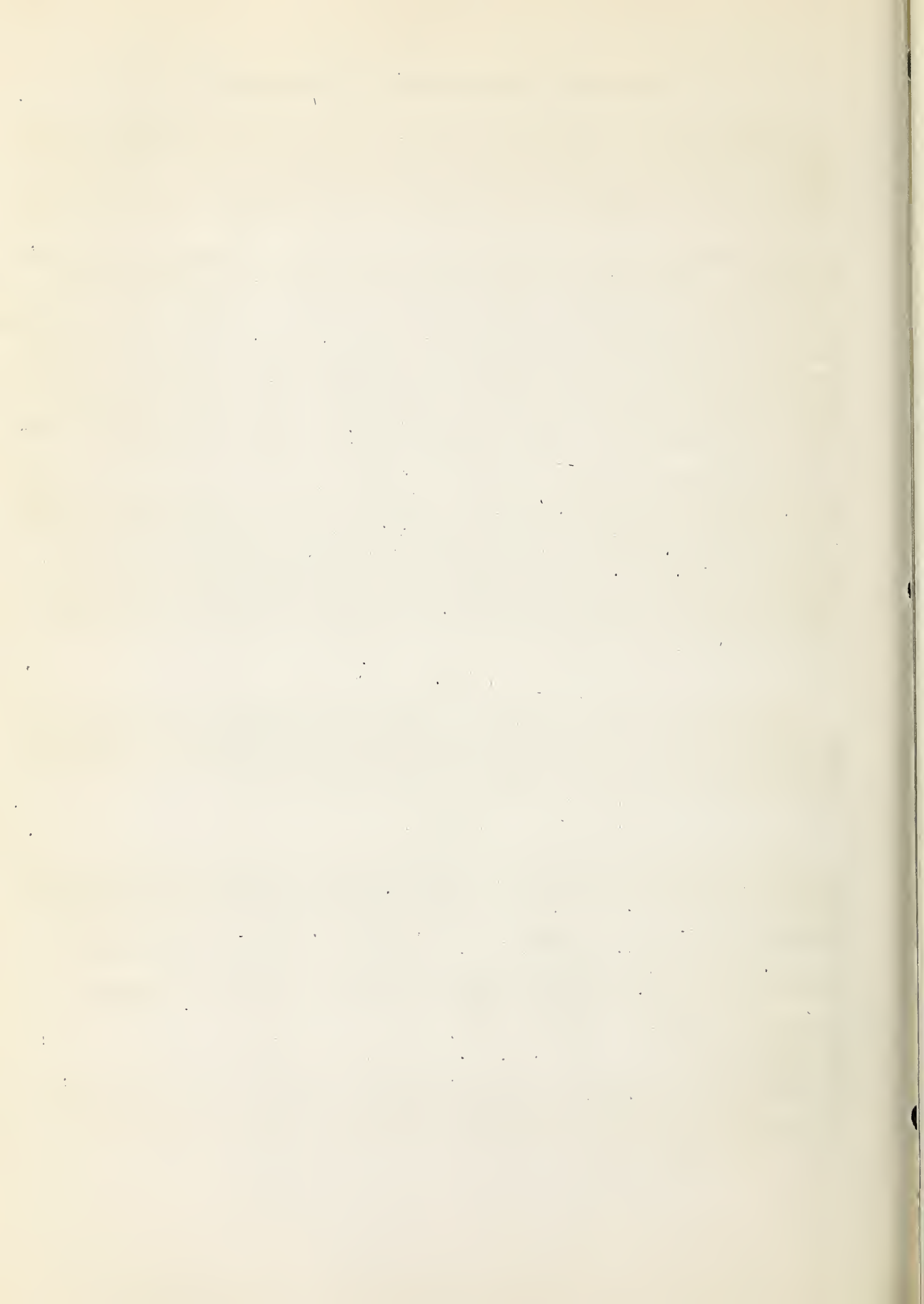
3/ Ibid. pp. 59-60.

4/ Ibid. pp. 25, 28.

5/ Ibid. p. 31.

6/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. I, pp. 362-363.

7/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa, p. 17.



loam--44.6 percent, and Lindley loams--1.4 percent. The loess soils cover 41.1 percent of the area and are divided into Muscatine silt loam--24.3 percent, Grundy loams--11.3 percent, Tama loams--4.3 percent, and Clinton silt loam--1.2 percent. The terrace soils cover 4.1 percent of the surface and are divided into Bremer silt loam--1.3 percent, Jackson silt loam--1.1 percent, Calhoun silt loam--0.9 percent, Chariton silt loam--0.5 percent, and Waukesha silt loam--0.3 percent. The swamp and bottom-land soils cover 8.8 percent of the area and are all in the Wabash series. 8/

Topography

The surface of Union County was originally a rather broad drift plain, but there have been so many modifications and changes through the action of stream erosion that now there are many irregular areas of rolling to strongly rolling or hilly land. These occur mainly along the streams and the narrow strips of bottom-lands. The interstream areas are usually narrow and in some places are distinctly flat. The slopes are gradual, especially at the heads of the drainageways. The slopes are more abrupt along the larger streams and the north and west slopes are generally steeper than the south and east slopes.

The natural drainage of the county is very well developed, with streams and drainageways extending into practically every quarter section of land in the county. Almost the whole county is in the watershed of the Platte and Grand rivers. The general slope is to the south and southeast and this is also the trend of the divides between the separate drainage basins. 9/

Climate

The average temperature for 10 years (1930-1939) was 48.7 degrees. 10/ The average precipitation for 52 years (1878-1930) was 32.73 inches, and the growing season averaged 157 days between the killing frost dates of May 3 and October 7, recorded from 1904 to 1930. 11/

Population

The population growth reached a peak in 1900. Since that year there was a slow but gradual decline until 1910. The population has remained more or less stationary since that time. It has a density of 41 persons per square mile, as compared with the State density of 44.

8/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Union County. Soil Survey Report No. 68: 12-13. 1932.

9/ Ibid. pp. 10-11.

10/ Reed, Charles D., Sr. Meteorologist. United States Weather Bureau. Des Moines, Iowa. Unpublished data.

11/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1930, inclusive. Section 50--Western Iowa. pp. 10, 19. 1933.



The following table shows the number of inhabitants recorded at 10-year intervals:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1860	2,012	-	-
1870	5,986	-	-
1880	14,980	-	-
1890	16,900	-	-
1900	19,928	10,499	9,429
1910	16,616	9,594	7,022
1920	17,268 <u>12/</u>	10,713 <u>13/</u>	6,555
1930	17,435 <u>14/</u>	11,126	6,289
1935	-	-	6,428 <u>15/</u>

In 1930 the foreign born and native white inhabitants of foreign born or mixed parentage totaled 2,980, or 17 percent of the total population. Of this number, those of German descent had 929, the Swedes had 308, and the English had 295. Other nationalities had very small representations. 16/

Cooperatives

In 1937 there were six cooperative institutions in operation in this county--two elevators, one creamery, two petroleum plants, and one produce market.

As a whole, they had 1,124 members, of which 928 were active, and 2,036 persons did business with the 6 concerns. The selling cooperatives had a business volume of \$305,669 and the purchasing cooperatives transacted \$141,912 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 17/

Fruit

The record year for apples was 1909, when 62,181 trees and 72,473 bushels were recorded. In 1934 there were only 12,062 trees and 2,650 bushels. The greatest number of peach trees, 11,640, was recorded in 1909, but the greatest

12/ Census of Iowa. 1925. pp. 714-715. 1926.

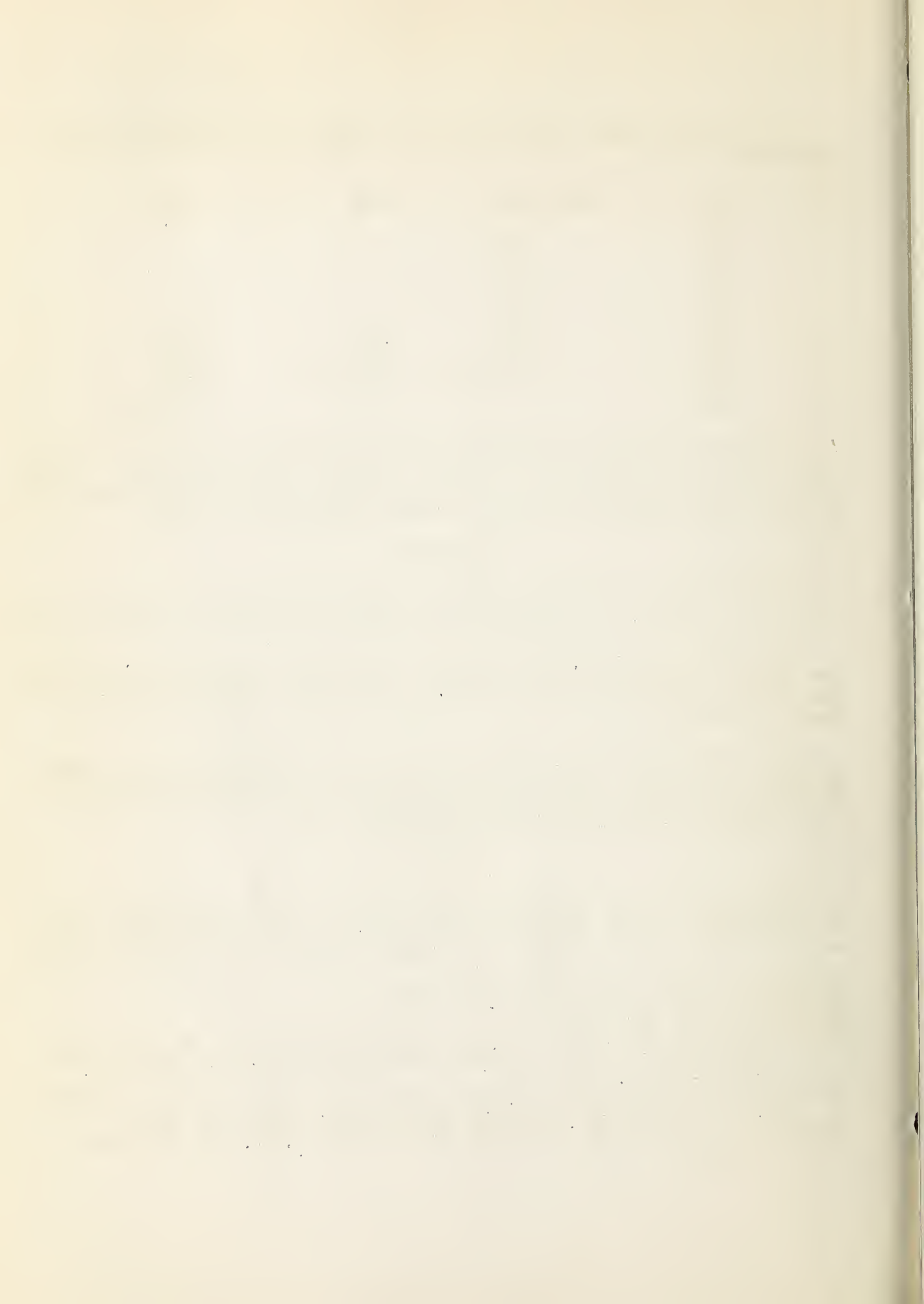
13/ Ibid. pp. 925 et seq.

14/ Iowa Official Register, 1937-1938. Thirty-seventh Number. pp. 368 et seq.

15/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 17.

16/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. III, Part 1, Tables 18-19, pp. 785-788.

17/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.



production, 1,941 bushels, was listed in 1934. The best year for grapes was 1894, when 21,868 vines bore 79,543 pounds. There were 9,218 cherry trees in 1909 and 2,334 bushels in 1894. These were the years of greatest numbers and greatest production respectively. 18/

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

18/ Sources: 1. Census of Iowa. 1875, 1885, 1895.
 2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.
 3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.



TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	1610	263943	164	65561	31	28394	22	1839	16	1994	16
1930	1713	262534	153	70631	31	30857	34	2024	17	1803	23
1931	1642	260912	159	73581	28	29815	28	1913	18	2017	22
1932	1668	261910	157	76159	40	30213	32	1123	13	2499	19
1933	1690	261737	155	69236	42	28488	14	905	10	1447	9
1934	1667	263594	158	55577	2	3721	5	985	9	15	3
1935	1660	262491	158	53353	29	18160	30	1498	11	98	16
1936	1606	264370	165	62362	4	25873	19	2046	17	154	17
1937	1577	262724	167	62073	34	27528	44	6251	12	280	27
1938	1576	264252	168	62300	25	32997	36	1625	11	374	24
10Yr.Ave.	1641	262847	160	65083	28	25605	29	2021	13	1068	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	218	10	184	10	3673	6826	49	912	34696
1930	184	16	321	12	4213	2291	-	835	28054
1931	218	14	291	13	6110	1478	7	887	23904
1932	135	8	293	15	3930	661	41	1070	23889
1933	99	10	581	15	743	2665	106	1430	36281
1934	195	6	1726	7	254	1280	-	1777	33223
1935	1012	13	1371	13	12744	164	17	2441	25122
1936	963	12	701	9	3405	68	3	2748	30654
1937	3318	18	442	11	6202	38	18	2627	18839
1938	1433	11	578	19	5813	401	41	2479	19443
10Yr.Ave.	778	14	649	12	4709	1587	28	1721	27410

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	504	110200	296	12139	983	1566	1647
1930	466	107176	238	12495	1806	899	1367
1931	413	106422	423	12326	1287	1576	609
1932	498	105715	287	12942	1125	1520	1541
1933	606	104256	535	12210	1160	1938	3146
1934	463	121125	491	12633	1689	2742	28755
1935	574	110523	1223	12818	1546	1806	20626
1936	463	112682	1174	12805	1292	3334	6459
1937	444	110702	1723	12613	1877	3360	7054
1938	414	112582	1934	12628	655	4508	6927
10Yr.Ave.	484	110138	832	12561	1342	2325	7813

10 Year Average Acres: Flaxseed 32 ; Spring Wheat 23 ; Popcorn 11 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover&Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acres	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	21,024	1.70	912	3.20	504	1.17	34,696	1.76
1930	17,754	1.55	835	2.41	466	1.30	28,054	1.47
1931	13,230	.60	887	1.75	413	.94	23,904	.66
1932	9,959	1.00	1,070	2.81	498	1.80	23,889	1.09
1933	31,152	.58	1,430	2.52	606	.80	36,281	.66
1934	23,914	.19	1,777	1.35	463	.33	33,223	.35
1935	11,392	1.10	2,441	2.09	574	1.50	25,122	.95
1936	23,206	.90	2,748	1.30	463	.94	30,654	.88
1937	10,592	.87	2,627	1.43	444	1.35	18,839	.99
1938	10,239	1.00	2,479	2.20	414	1.50	19,443	1.19
10 Yr. Ave.	17,246	.91	1,721	1.94	484	1.16	27,410	.99

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Iodge Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	128	22454	175	5248	28	2517	21	233	13	137	18
1930	134	22851	171	5413	36	2932	34	186	16	116	25
1931	135	22803	169	5580	29	2623	31	278	16	156	27
1932	135	22495	167	6080	42	2627	33	147	12	136	24
1933	138	22794	165	5567	40	2532	14	53	11	105	9
1934	136	22694	167	4328	5	191	4	145	3	-	-
1935	124	22630	182	4318	31	1843	26	112	8	-	-
1936	119	22867	192	4953	7	2156	14	140	12	-	-
1937	110	22865	208	4926	28	2301	42	403	10	11	19
1938	114	22953	201	4749	31	3108	37	147	8	29	26
10Yr. Ave.	127	22741	179	5106	32	2283	28	184	11	69	22

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	12	17	5	18	245	862	3	98	3030
1930	-	-	-	-	341	237	-	98	2573
1931	25	13	24	13	413	277	-	86	2274
1932	-	-	39	9	192	223	-	111	2711
1933	-	-	45	12	-	403	10	194	3517
1934	-	-	106	5	40	182	-	184	3256
1935	47	13	32	10	1058	-	9	260	1968
1936	42	11	26	5	96	-	-	312	3210
1937	327	16	35	9	488	-	18	244	1678
1938	231	9	57	12	503	8	6	206	1262
10Yr. Ave.	68	13	37	9	338	219	5	179	2548

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	10	9756	4	957	40	55	202
1930	17	9909	-	998	290	76	-
1931	12	9782	-	1044	582	10	-
1932	29	8720	8	1058	665	83	-
1933	74	8907	9	1030	500	331	114
1934	38	12053	30	1032	487	303	685
1935	46	9682	80	1028	792	150	1565
1936	54	9957	206	1019	486	282	240
1937	29	9633	36	1050	1093	378	459
1938	30	10301	126	1036	93	639	636
10Yr. Ave.	34	9870	50	1025	503	231	390

10 Year Average Acres: Flaxseed 2; Spring Wheat 2; Popcorn 3. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 4
LAND UTILIZATION AND YIELDS

Douglas Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	123	20645	168	5720	36	2772	26	85	17	184	15
1930	136	20238	149	6165	41	2526	39	114	23	85	26
1931	129	19745	153	6908	28	2405	27	70	24	74	24
1932	125	19422	155	6617	49	2706	36	49	14	129	20
1933	134	19726	147	6319	49	2441	20	41	17	105	14
1934	133	19410	146	5351	6	821	5	131	15	-	-
1935	126	19620	156	5566	32	1868	33	197	14	-	-
1936	126	19506	155	6301	6	2060	21	229	20	-	-
1937	121	19047	157	6267	37	2517	50	602	14	10	20
1938	129	19334	150	6218	23	2848	39	222	14	-	-
10Yr.Ave.	128	19669	153	6143	34	2296	32	174	16	59	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	14	14	25	9	159	402	1	131	2843
1930	74	19	19	13	221	115	-	72	2193
1931	10	8	3	19	260	48	-	80	2025
1932	49	11	7	18	262	-	6	146	1902
1933	7	11	14	17	90	72	-	126	2811
1934	37	7	26	7	-	30	-	138	2141
1935	151	16	221	13	1050	-	-	196	1864
1936	58	11	150	8	358	60	-	265	2213
1937	235	23	-	-	512	38	-	242	1263
1938	137	13	11	20	445	-	-	254	1072
10Yr.Ave.	77	17	48	11	336	76	7	165	2033

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	155	7093	83	1085	11	392	23
1930	126	7510	29	1158	2	14	2
1931	128	6562	162	1002	64	60	12
1932	112	6281	93	1031	63	67	48
1933	116	6466	138	982	80	34	82
1934	120	6390	61	1057	69	60	3146
1935	146	6531	226	1012	5	286	497
1936	82	6520	82	1105	63	18	267
1937	104	5870	154	1075	60	112	266
1938	109	6751	185	959	-	126	251
10Yr.Ave.	120	6597	121	1047	42	117	459

10 Year Average Acres: Flaxseed 10; Spring Wheat 4; Popcorn 2. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 5
LAND UTILIZATION AND YIELDS

Grant Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	132	22136	168	5766	28	2797	22	13	15	75	31
1930	136	22615	166	6542	31	2739	34	77	19	129	37
1931	129	22178	172	7003	23	2790	26	69	17	241	34
1932	120	22853	190	7591	36	2859	31	29	9	386	16
1933	122	22581	185	6262	41	3067	11	2	4	298	8
1934	124	22462	181	4750	6	-	-	17	9	-	-
1935	127	22601	178	4843	26	1376	29	37	12	8	15
1936	143	23452	164	5889	5	2575	19	51	15	15	9
1937	139	22167	159	5461	39	2560	42	341	12	36	36
1938	134	22214	166	5330	27	2849	34	99	9	62	17
10Yr. Ave.	131	22520	172	5944	31	2361	27	74	13	125	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	48	4	19	6	355	543	-	42	2793
1930	-	-	-	-	429	325	-	56	2614
1931	-	-	12	17	764	172	-	70	1883
1932	-	-	21	18	499	4	-	94	1811
1933	14	5	76	11	178	431	-	78	3289
1934	-	-	234	7	-	64	-	69	3163
1935	42	9	56	13	1605	60	-	81	2143
1936	44	12	13	8	605	-	-	35	2546
1937	248	19	-	-	744	-	-	49	1380
1938	69	5	-	-	799	-	5	57	2112
10Yr. Ave.	46	13	43	9	598	160	.5	63	2373

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	27	8715	22	1145	-	49	312
1930	-	8684	4	1057	-	19	321
1931	-	8104	-	1163	-	107	42
1932	-	8406	36	1118	-	37	60
1933	10	8015	31	1106	2	39	192
1934	8	9793	2	1117	23	194	3161
1935	50	8556	121	1165	28	163	2408
1936	50	9711	318	1025	11	276	323
1937	67	8624	336	1144	2	299	865
1938	49	8664	365	1151	-	266	394
10Yr. Ave.	26	8727	124	1119	7	145	809

10 Year Average Acres: Flaxseed 0 ; Spring Wheat 0 ; Popcorn 0 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 6
LAND UTILIZATION AND YIELDS

Highland Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	104	21041	202	5605	35	2179	27	40	14	50	17
1930	121	21096	174	5634	35	2893	36	134	29	80	27
1931	110	21058	191	5923	22	2297	25	34	10	83	18
1932	110	20954	190	6371	41	2250	39	91	18	72	16
1933	106	20281	191	5646	47	2583	20	23	14	70	16
1934	115	21947	191	4843	5	152	4	29	14	-	-
1935	113	21772	193	4638	29	1519	31	30	16	10	9
1936	107	21546	201	5638	8	2398	21	168	20	8	9
1937	104	21050	202	5300	32	2120	50	432	12	42	25
1938	101	20640	204	5621	26	2788	38	126	7	56	28
10Yr. Ave.	109	21138	194	5522	33	2118	32	110	15	47	30

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	6	12	235	659	-	113	3040
1930	3	43	57	16	223	136	-	108	2539
1931	7	14	104	13	338	71	-	78	2649
1932	5	7	26	19	348	-	-	101	1810
1933	-	-	64	20	97	256	-	114	2645
1934	9	7	182	13	60	120	-	93	3129
1935	68	18	122	16	1319	-	-	123	2012
1936	99	14	157	11	291	-	-	171	2560
1937	402	21	37	15	507	-	-	120	1563
1938	105	12	136	20	503	37	-	158	1328
10Yr. Ave.	70	18	89	15	392	128	0	118	2228

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	43	8668	34	987	42	72	40
1930	40	8484	21	927	15	20	26
1931	2	8468	28	925	-	-	200
1932	51	8462	28	1016	-	14	410
1933	44	8110	43	896	2	56	2
1934	18	11852	55	1059	175	612	772
1935	30	8902	87	1101	32	255	1647
1936	40	8908	8	1025	-	-	246
1937	25	9421	144	906	20	-	141
1938	20	8668	203	891	-	-	195
10Yr. Ave.	31	8994	65	973	29	103	368

10 Year Average Acres: Flaxseed 0; Spring Wheat 5; Popcorn .2. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 7
LAND UTILIZATION AND YIELDS

Jones Township

Year	No. Farms.	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	142	22041	155	4835	31	1521	21	238	18	230	11
1930	156	22403	144	5304	19	1790	29	262	14	227	15
1931	142	21676	153	5399	29	1914	25	259	18	165	19
1932	143	21486	150	4817	30	2020	24	79	13	93	16
1933	145	21438	148	4797	36	1337	12	140	8	124	7
1934	141	21454	152	3890	7	-	-	42	7	-	-
1935	140	21147	151	3172	20	743	30	35	14	-	-
1936	136	21181	156	3558	12	1489	17	62	17	18	11
1937	130	21154	163	3881	36	1868	40	416	11	-	-
1938	135	21172	157	4001	28	2162	32	136	13	12	12
10Yr. Ave.	141	21515	153	4365	28	1484	26	167	14	87	14

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	56	11	14	12	142	473	18	65	2706
1930	39	8	22	9	267	159	-	54	2104
1931	56	15	8	16	292	65	4	38	1752
1932	50	6	-	-	172	-	-	34	1808
1933	37	6	32	6	-	23	-	79	2469
1934	-	-	-	-	-	-	-	174	2843
1935	2	18	-	-	257	-	-	203	2595
1936	28	7	-	-	52	-	-	230	2465
1937	115	19	-	-	192	-	-	250	1960
1938	-	-	-	-	40	-	-	248	2415
10Yr. Ave.	38	12	8	9	141	72	2	138	2312

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	34	10611	-	754	385	251	246
1930	35	10389	32	725	540	335	332
1931	13	10433	12	766	106	416	81
1932	15	10648	15	934	69	178	588
1933	12	10536	17	936	91	202	708
1934	-	11450	26	903	46	75	2179
1935	-	11319	86	881	2	43	2012
1936	-	11870	124	889	25	88	513
1937	-	11152	139	810	9	45	567
1938	10	10443	99	745	-	40	1069
10Yr. Ave.	12	10885	55	834	127	167	830

10 Year Average Acres: Flaxseed 0 ; Spring Wheat 4 ; Popcorn 0 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 8
LAND UTILIZATION AND YIELDS

Lincoln Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	148	22858	154	5600	33	2578	26	157	20	216	17
1930	156	23076	148	6205	36	2855	34	121	21	107	22
1931	153	22817	149	6312	28	2675	31	168	18	135	27
1932	152	22893	151	6863	43	2613	34	104	11	278	23
1933	161	22858	142	6456	41	2453	16	37	18	148	14
1934	142	22874	161	4261	6	456	7	162	14	-	-
1935	158	22688	144	4897	35	1749	32	202	10	-	-
1936	157	22688	144	5469	4	2399	16	120	20	8	9
1937	135	23008	170	5863	25	2437	44	648	11	60	26
1938	147	22790	155	5462	20	3043	38	75	8	60	30
10Yr. Ave.	151	22855	151	5739	32	2326	30	179	14	101	21

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	4	10	2	18	285	603	-	82	2797
1930	2	20	6	13	399	279	-	90	2496
1931	-	-	2	15	555	85	-	98	2064
1932	6	7	45	17	456	71	-	91	2033
1933	-	-	42	12	63	310	5	100	3168
1934	17	9	113	5	47	146	-	138	1995
1935	109	12	211	9	1216	10	-	211	1871
1936	183	13	35	8	121	-	3	229	2445
1937	420	17	45	10	492	-	-	221	1169
1938	263	13	42	25	577	-	1	258	1084
10Yr. Ave.	100	14	54	10	421	150	1	152	2112

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	37	9399	41	1147	320	68	207
1930	71	9379	62	1193	118	38	34
1931	72	9234	75	1165	210	150	-
1932	104	8898	37	1176	38	149	93
1933	98	8772	83	1133	48	129	223
1934	72	11028	97	1110	263	24	3229
1935	51	9343	189	1140	48	68	1594
1936	77	9648	55	1240	15	12	858
1937	52	9610	150	1192	201	78	591
1938	16	10034	161	1167	35	188	582
10Yr. Ave.	65	9534	95	1166	130	90	740

10 Year Average Acres: Flaxseed 4 ; Spring Wheat 1 ; Popcorn 2 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 9
LAND UTILIZATION AND YIELDS

New Hope Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	126	21640	172	5890	28	2609	19	310	15	288	15
1930	119	20752	174	5722	24	2345	38	255	16	353	24
1931	120	20763	173	5732	31	2684	31	181	19	373	19
1932	129	20038	155	5663	38	2268	31	11	14	335	18
1933	134	19839	148	5117	38	1972	13	112	.7	227	6
1934	133	19853	149	3939	5	160	5	127	3	-	-
1935	126	19707	156	4102	29	1469	27	111	8	7	14
1936	126	19779	157	4291	6	2365	16	198	17	-	-
1937	122	19711	162	4404	37	2270	42	470	10	3	19
1938	122	20872	171	4569	30	2878	31	78	10	6	10
10Yr. Ave.	126	20295	161	4943	31	2102	28	185	13	159	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	43	15	51	7	270	455	27	41	2454
1930	24	30	8	5	128	137	-	46	2155
1931	57	14	12	12	234	224	-	36	2024
1932	4	4	-	-	84	5	-	30	1836
1933	2	14	19	21	20	25	-	63	2201
1934	20	2	116	6	-	15	-	68	2342
1935	38	10	-	-	641	44	-	80	1807
1936	135	9	8	5	30	-	-	150	2084
1937	181	17	28	14	262	-	-	173	1437
1938	95	8	24	23	292	41	5	202	1557
10Yr. Ave.	60	12	27	10	195	95	3	89	1990

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	22	8178	-	1193	-	305	-
1930	-	8500	-	1191	-	71	-
1931	-	8176	-	1190	-	110	-
1932	-	8525	-	1170	15	75	52
1933	20	8537	10	1084	21	126	371
1934	32	9136	10	1083	-	207	2631
1935	34	8519	44	1125	-	65	1745
1936	13	8595	12	1115	-	216	717
1937	29	8694	20	1119	-	248	546
1938	16	9475	94	1074	10	284	415
10Yr. Ave.	17	8638	19	1134	5	171	648

10 Year Average Acres: Flaxseed 3 ; Spring Wheat .6; Popcorn .5 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 10
LAND UTILIZATION AND YIELDS

Flatte Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	126	22739	180	5838	29	2569	20	136	21	141	18
1930	128	21775	170	6737	33	2709	34	143	17	142	28
1931	122	21928	180	7195	23	2893	27	57	9	243	23
1932	122	22418	184	7351	40	2986	31	71	15	223	18
1933	121	22521	186	6204	44	3122	16	97	15	135	9
1934	121	22726	188	5638	8	332	3	126	7	-	-
1935	116	22346	193	5007	26	2029	29	199	12	-	-
1936	115	22058	192	5809	6	2480	20	315	19	-	-
1937	123	22490	183	6169	41	2461	44	652	12	5	20
1938	123	22469	183	6395	29	3144	35	118	10	29	10
10Yr.Ave.	122	22347	184	6234	32	2472	28	191	14	92	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres*	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	4	6	414	766	-	86	2914
1930	-	-	9	18	263	163	-	107	2362
1931	-	-	28	13	520	-	-	93	1778
1932	5	16	26	25	399	-	-	112	1465
1933	-	-	44	21	51	340	-	140	3239
1934	-	-	47	7	-	45	-	162	2577
1935	99	11	211	12	1247	21	-	185	1837
1936	83	16	78	11	334	-	-	146	2093
1937	255	19	114	10	730	-	-	191	1146
1938	121	12	96	18	505	26	6	141	1269
10Yr.Ave.	56	16	66	13	446	136	.6	136	2068

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	10	9152	17	1227	-	51	266
1930	19	7931	3	1083	-	139	235
1931	28	7610	3	1178	244	151	-
1932	33	8229	5	1129	175	176	145
1933	50	7986	31	1094	164	161	143
1934	29	9410	62	1212	118	158	3017
1935	44	8476	4	1158	262	119	1654
1936	31	8777	214	882	173	136	653
1937	40	9264	119	928	10	135	462
1938	44	8617	162	1076	2	300	585
10Yr.Ave.	33	8545	62	1097	115	153	716

10 Year Average Acres: Flaxseed .4 ; Spring Wheat 1 ; Popcorn .5 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 11
LAND UTILIZATION AND YIELDS

Pleasant Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	125	21540	172	4896	31	1808	20	93	14	34	20
1930	126	21578	171	5056	26	2289	29	143	17	20	20
1931	110	21079	192	4915	33	2268	23	214	15	20	26
1932	116	21551	186	4817	36	2182	24	92	9	8	9
1933	116	21417	185	4636	40	1432	9	38	11	-	-
1934	116	21431	185	3688	9	-	-	13	5	-	-
1935	119	21448	180	2960	24	764	27	10	20	-	-
1936	115	22942	199	3970	11	1454	17	117	13	-	-
1937	111	22763	205	3753	38	1646	39	522	10	8	30
1938	118	23017	195	3805	23	1947	31	70	13	-	-
10 Yr. Ave.	117	21877	187	4250	30	1579	25	131	12	9	21

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	30	7	11	9	299	163	-	27	3135
1930	17	12	36	7	555	139	-	14	1796
1931	19	14	6	17	819	45	-	9	1242
1932	3	5	8	8	509	134	-	8	2142
1933	2	10	11	17	98	158	24	13	3022
1934	5	20	126	8	107	141	-	-	1808
1935	10	20	17	4	979	15	-	52	2008
1936	3	5	-	-	338	-	-	141	2645
1937	96	15	6	17	673	-	-	96	1274
1938	68	7	26	14	555	147	8	102	1617
10 Yr. Ave.	25	12	25	9	493	94	3	46	2069

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	5	10039	5	704	162	147	172
1930	-	10273	14	706	225	135	313
1931	2	10354	4	598	81	465	72
1932	3	10005	9	817	100	711	145
1933	16	9740	28	811	229	810	520
1934	9	9626	32	802	433	1050	3732
1935	18	10410	111	881	301	596	2383
1936	8	10408	5	980	500	1499	1015
1937	12	10168	77	964	416	1353	1795
1938	13	10440	82	963	387	1923	1113
10 Yr. Ave.	9	10146	37	823	283	869	1126

10 Year Average Acres: Flaxseed 4; Spring Wheat .2; Popcorn 2. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 12
LAND UTILIZATION AND YIELDS

Sand Creek Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	111	21351	192	5371	29	2421	20	194	11	341	14
1930	138	21646	157	6075	27	2673	35	287	15	170	27
1931	133	21984	165	6025	31	2474	30	252	18	274	24
1932	146	22576	155	6492	36	2627	29	73	17	459	18
1933	134	22122	165	5478	40	2581	11	103	8	78	4
1934	138	22669	164	4556	6	207	3	83	7	-	-
1935	139	22483	162	4293	24	1458	33	152	11	45	11
1936	119	22447	189	4847	7	2116	19	263	16	14	6
1937	122	22561	185	4957	37	2659	43	463	13	6	50
1938	117	22427	192	4692	25	2592	37	230	13	24	35
10 Yr. Ave.	130	22227	171	5279	31	2181	28	210	13	141	18

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	8	10	34	14	818	671	-	16	2699
1930	14	24	105	12	582	222	-	9	2222
1931	36	17	61	17	1025	200	-	22	1743
1932	-	-	94	13	356	49	35	38	2161
1933	1	8	185	15	-	120	27	67	3336
1934	23	7	383	7	-	108	-	129	3750
1935	127	9	49	8	1322	14	-	170	2295
1936	85	14	45	14	622	-	-	205	3145
1937	127	19	90	14	1054	-	-	205	1713
1938	75	13	108	23	702	80	-	172	2085
10 Yr. Ave	60	14	115	12	648	146	6	103	2515

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber Only Acres	Waste-land Acres	Idle Crop Land Acres
1929	4	8453	-	903	23	82	-
1930	15	8296	14	1118	-	10	65
1931	14	8675	13	1152	-	45	195
1932	-	9069	-	1205	-	-	-
1933	3	8531	21	1109	23	-	646
1934	19	9631	3	1131	75	22	2786
1935	5	9397	17	1131	72	27	2093
1936	-	9631	12	1071	-	91	505
1937	12	9666	100	1156	-	100	358
1938	15	9985	91	1305	-	222	301
10 Yr. Ave	9	9133	27	1128	19	60	695

10 Year Average Acres: Flaxseed 2; Spring Wheat 0; Popcorn 0; (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 13
LAND UTILIZATION AND YIELDS

Spaulding Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	130	22106	170	6330	37	2813	26	87	15	119	20
1930	135	21414	159	6893	40	3000	37	35	18	218	19
1931	121	21056	174	7354	31	2771	32	24	24	134	19
1932	127	22038	174	8077	48	2877	38	103	23	188	28
1933	127	22504	177	7546	48	3074	17	38	19	80	15
1934	129	22631	175	6195	8	1325	5	76	13	15	3
1935	128	22219	174	6280	41	2254	34	287	13	24	27
1936	132	22610	171	7577	9	2539	25	166	19	72	24
1937	129	22421	174	7055	31	2930	47	783	14	74	28
1938	120	22713	189	7357	16	3504	41	196	11	85	28
10 Yr. Ave.	128	22171	173	7064	35	2715	32	180	15	101	22

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	322	854	-	88	2903
1930	-	-	19	8	484	261	-	98	2323
1931	-	-	-	-	455	202	-	81	2296
1932	-	-	20	16	360	137	-	91	2053
1933	18	22	47	19	123	404	-	116	3320
1934	36	7	175	7	-	402	-	183	3898
1935	205	14	452	15	1211	-	2	316	2379
1936	44	15	189	-	338	-	-	382	2421
1937	446	19	71	11	320	-	-	435	2025
1938	126	13	67	17	502	17	-	303	1609
10 Yr. Ave.	88	16	104	12	412	229	.2	209	2523

Year	Wild Hay	All Pasture	All Other Crops	Buildings, Feedlots, Highways	Woodlots for Timber only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	140	7950	57	1113	-	93	179
1930	125	7041	52	1185	-	33	6
1931	142	6673	63	1109	-	45	4
1932	151	6849	12	1322	-	26	-
1933	160	6845	46	1156	-	21	30
1934	118	8177	55	1241	-	32	1268
1935	143	7022	173	1314	-	14	459
1936	98	7053	35	1359	14	198	447
1937	68	7064	141	1281	-	-	163
1938	83	7309	39	1229	3	104	500
10 Yr. Ave.	123	7199	67	1231	2	57	308

10 Year Average Acres: Flaxseed 4; Spring Wheat 4; Popcorn 0. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 14
LAND UTILIZATION AND YIELDS

Union Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	150	21377	146	4214	20	1703	19	253	16	173	14
1930	154	21345	139	4536	24	2047	23	267	14	156	21
1931	159	21923	133	4834	24	1971	24	307	20	119	17
1932	160	21430	134	4902	35	2107	22	269	9	192	22
1933	165	21807	132	4763	39	1332	10	221	3	77	4
1934	161	21571	134	3675	5	57	4	34	6	-	-
1935	162	21820	135	2946	20	1022	20	110	7	4	20
1936	131	21491	164	3536	11	1632	17	207	13	19	19
1937	139	21643	156	3531	31	1632	41	470	11	25	26
1938	127	21885	172	3699	30	1932	35	123	7	11	16
10 Yr.Ave.	151	21680	144	4069	29	1605	25	226	13	73	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	3	15	9	11	129	365	-	60	3235
1930	11	11	40	11	321	113	-	9	2405
1931	8	6	31	4	445	89	3	117	2010
1932	13	10	7	14	293	33	-	153	1999
1933	18	7	2	15	22	123	40	253	3050
1934	43	5	218	3	-	27	-	343	3117
1935	110	11	-	-	821	-	6	414	2037
1936	159	7	-	-	220	3	-	394	2636
1937	362	16	16	7	202	-	-	350	2155
1938	139	11	7	19	390	45	10	340	1902
10 Yr.Ave.	87	12	33	5	285	81	6	244	2461

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	17	11321	3	807	-	-	-
1930	13	10398	3	1023	-	-	40
1931	-	11306	1	885	-	-	-
1932	-	10737	-	861	-	-	-
1933	3	10875	5	756	-	25	113
1934	-	11637	2	751	-	-	2032
1935	7	11519	15	750	-	-	2473
1936	10	10762	57	936	5	514	642
1937	6	10664	243	860	60	602	834
1938	7	11110	224	916	125	384	856
10 Yr.Ave.	7	11038	55	860	19	152	609

10 Year Average Acres: Flaxseed 2 ; Spring Wheat .4 ; Popcorn 2 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 15
LAND UTILIZATION AND YIELDS
Total Incorporated Town Data:

Afton, Arispe, Creston, Cromwell, Lorimor, Shannon City.

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	65	1515	23	248	34	102	32	-	-	1	25
1930	74	1745	24	349	38	59	33	-	-	-	-
1931	79	1857	24	421	36	50	29	-	-	-	-
1932	83	1756	21	518	47	91	38	-	-	-	-
1933	87	1849	21	440	42	62	16	-	-	-	-
1934	78	1872	24	463	-	20	4	-	-	-	-
1935	82	2010	25	431	27	66	37	16	15	-	-
1936	80	1803	23	474	8	94	29	10	10	-	-
1937	92	1899	21	506	32	127	47	59	7	-	-
1938	89	1766	20	402	31	152	33	5	12	-	-
10 Yr. Ave	81	1811	22	425	36	82	33	9	9	.1	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	4	15	-	-	-	63	147
1930	-	-	-	-	-	-	-	74	192
1931	-	-	-	-	-	-	-	79	156
1932	-	-	-	-	-	-	-	61	158
1933	-	-	-	-	1	-	-	87	214
1934	-	-	-	-	-	-	-	96	204
1935	4	20	-	-	18	-	-	150	306
1936	-	-	-	-	-	-	-	88	191
1937	4	10	-	-	20	-	-	51	96
1938	4	10	4	18	-	-	-	29	131
10 Yr. Ave	1	14	1	16	4	0	0	78	180

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	-	865	30	117	-	1	-
1930	-	382	4	131	616	5	3
1931	-	1039	62	149	-	17	3
1932	-	836	44	105	-	4	-
1933	-	936	73	117	-	4	2
1934	-	892	56	135	-	5	97
1935	-	847	70	132	4	20	96
1936	-	842	46	109	-	4	33
1937	-	872	64	128	6	10	7
1938	2	785	103	116	-	32	30
10 Yr. Ave.	.2	830	55	124	63	11	27

10 Year Average Acres: Flaxseed 1; Spring Wheat 0; Popcorn 3. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 16
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	5,207	1,668	2,349	161	--	10,625
1880	18,480	5,986	6,825	488	1,065	31,944
1890	42,275	10,034	11,858	339	2,298	44,065
1900	48,151	13,003	11,830	464	9,176	44,178
1910	32,969	8,122	11,993	656	5,089	32,928
1920	32,236	3,863	10,760	794	14,119	54,599
1925	35,434	7,815	8,612	952	7,871	52,643
1930	32,667	8,782	7,551	706	11,001	63,371
1935	28,992	10,011	5,989	516	8,213	31,883
1936	30,454	9,426	6,109	538	11,870	39,467
1937	29,183	8,991	5,894	483	10,074	25,746
1938	29,862	8,932	5,751	462	11,921	35,462
1939	30,648	9,053	5,422	428	14,666	38,545

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted state farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 17 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted state farm assessors' figures.

* Includes Milk Cows.

TABLE 17
LIVESTOCK NUMBERS
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Dodge	481	60	2377	469	2619	452	49	2020	422	1466
Douglas	423	25	2334	474	2886	424	27	2107	269	1930
Grant	541	16	2446	534	2590	500	21	2210	487	1311
Highland	511	38	2487	936	2574	469	32	2194	435	1480
Jones	396	13	1843	404	1620	327	13	1691	373	1079
Lincoln	544	34	2617	898	3211	578	44	2347	848	2390
New Hope	439	42	2358	832	2120	410	34	1708	664	1160
Platte	414	46	2491	322	2629	385	33	2239	514	1522
Pleasant	391	52	1836	401	1549	351	40	1591	429	819
Sand Creek	532	40	2321	1204	3122	468	24	2064	694	1958
Spaulding	561	41	3266	906	3982	535	38	2686	1102	3012
Union	385	35	1771	328	1631	427	46	1742	355	1046
ALL TOWNS	50	-	208	3	193	43	-	143	-	16
COUNTY	5668	442	28375	7711	30726	5369	401	24732	6592	19189

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Dodge	424	42	2002	534	2168	437	34	2125	1173	2847
Douglas	409	24	2343	286	2614	302	29	2132	184	1912
Grant	466	21	2259	779	1966	482	18	2364	1214	2789
Highland	474	26	2265	423	1971	437	20	2227	321	2952
Jones	336	20	1705	390	1582	352	17	1784	584	2181
Lincoln	546	30	2333	1344	2410	478	32	2512	1083	2480
New Hope	394	47	1799	555	1699	331	34	2099	543	2212
Platte	397	28	2477	529	2491	440	40	2625	611	3003
Pleasant	388	41	1699	450	1350	321	30	1759	1234	1511
Sand Creek	470	33	2172	812	2252	429	40	2177	2064	2396
Spaulding	526	51	2934	1806	3846	508	48	2737	904	4433
Union	407	29	1753	374	1314	438	24	1829	615	1877
ALL TOWNS	49	-	176	-	123	49	-	183	13	95
COUNTY	5286	392	25917	8282	25785	5004	366	26553	10543	30688

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 16 for magnitude of the bias.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 18
CREAMERY STATISTICS

Year	Number of Creameries In County	Butter Made	Butter Sold In Iowa	Butter Sold Out Of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	1	750	50	700
1906	1	1000	*	*
1907	2	981	4	*
1908	1	183	9	*
1909	2	204	12	*
1910	1	181	7	*
1911	2	676	116	*
1912	2	553	108	445
1913	2	586	37	549
1914	2	276	50	225
1915	2	643	92	551
1916	2	936	72	864
1917	2	844	839	769
1918	2	843	70	726
1919	2	3700	33	750
1920	2	761	41	2
1921	3	1015	328	704
1922	3	1380	486	957
1923	4	1522	418	1103
1924	4	1654	349	1403
1925	4	2335	314	1924
1926	4	3319	193	3128
1927	4	4606	468	4227
1928	4	4624	563	3805
1929	3	4700	270	4367
1930	4	4587	206	4379
1931	4	4574	239	4348
1932	4	4484	221	4467
1933	3	4213	188	4025
1934	3	4129	321	3806
1935	4	4045	222	3808
1936	6	3040	187	2898
1937	6	2880	188	2529
1938	5	2673	202	2419

The sum of the two columns "Butter Sold In Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

* Not given in source.

Source: Division of Agriculture Statistics,
Iowa Department of Agriculture.

TABLE 19
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	53,675	179,133
1885	80,695	156,750
1890	180,704	460,999
1895	134,753	507,792
1900	131,329	826,340
1905	137,897	479,281
1910	214,709	796,795
1915	209,758	901,091
1920	215,908	1,008,609
1925	210,467	834,712
1930	202,126	1,263,564
1935	151,076	1,113,708

Source: U. S. Agricultural Census.
Iowa Agricultural Census.

TABLE 20
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	1695	1488	1166	129	4	138	21	0	34	0
1932	1662	1481	1098	98	2	208	15	0	35	0
1934	1667	1465	136	66	0	1	17	4	124	0
1936	1618	1404	1041	175	0	13	109	<u>1/</u>	60	1
1938	1575	1422	1223	124	20	29	123	<u>1/</u>	66	1
Average	1644	1452	933	118	5	78	57	1	64	0

Year	HAY CROPS									
	Pop-corn	Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	Wild Hay
1930	4	836	167	58	<u>1/</u>	304	216	15	46	87
1932	10	528	156	194	117	155	386	94	242	97
1934	0	652	239	613	69	249	91	29	600	112
1936	1	1022	381	302	143	<u>1/</u>	<u>1/</u>	<u>1/</u>	54	118
1938	5	629	317	603	92	<u>1/</u>	<u>1/</u>	<u>1/</u>	62	86
Average	4	733	252	354	105	236	231	46	201	100

Year	GRASS SEED				LIVESTOCK					
	Timothy	Red & Alsike Clover	Sweet Clover	All Pasture	Horses	Mules	Cattle	Sheep	Hogs	Sows for Spring Farrow
1930	291	182	0	1652	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1113
1932	244	49	2	1595	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1124
1934	11	70	0	1590	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	854
1936	191	2	1	1551	1231	183	1321	326	1062	840
1938	361	47	9	1534	1207	191	1332	374	1141	1022
Average	220	70	2	1584	1219	187	1326	350	1102	991

Year	EQUIPMENT				MISCELLANEOUS					
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	Other Crops
1930	288	94	1284	792	194	28	59	94	39	43
1932	249	66	1200	564	78	43	56	108	28	36
1934	230	69	1193	624	338	25	82	251	1037	92
1936	353	71	1141	771	413	44	68	291	380	261
1938	417	85	1189	903	<u>1/</u>	<u>1/</u>	32	356	320	360
Average	307	77	1201	731	256	35	59	220	361	158

1/ Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 21
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	785	47.7	112,067	42.4	144	8.7	32,685	12.4
1930	831	49.0	115,009	43.8	129	7.6	30,453	11.6
1932	648	39.0	95,211	36.4	115	5.9	27,538	10.5
1934	666	40.0	93,381	35.4	124	7.4	28,157	10.7
1936	626	38.7	91,034	34.4	138	8.6	33,859	12.8
1938	568	36.1	86,444	32.7	144	9.1	36,627	13.9
1928 - 38 Average	686	41.8	98,858	37.5	132	8.0	31,553	12.0
Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	719	43.6	119,495	45.2	1,648	100.0	264,247	100.0
1930	735	43.4	117,072	44.6	1,695	100.0	262,534	100.0
1932	899	54.1	139,161	53.1	1,662	100.0	261,910	100.0
1934	877	52.6	142,056	53.9	1,667	100.0	263,594	100.0
1936	854	52.7	139,575	52.8	1,618	100.0	264,468	100.0
1938	863	54.8	140,997	53.4	1,575	100.0	264,068	100.0
1928 - 38 Average	825	50.2	133,059	50.5	1,644	100.0	263,470	100.0

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 22
YEARS OF TENURE
January 1, 1935

Owners	Union County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	51	8.5	4442	5.2
1 year	18	3.0	3198	3.8
2 years	23	3.9	3282	3.8
3 years	10	1.7	2857	3.4
4 years	18	3.0	3228	3.8
5-9 years	78	13.0	11726	13.8
10-14 years	80	13.4	11279	13.2
15 years and over	320	53.5	45076	53.0
TOTALS	598	100.0	85088	100.0
Tenants				
On present farm less than 1 year	236	27.5	21763	20.1
1 year	176	20.5	15053	13.9
2 years	107	12.5	11555	10.7
3 years	46	5.4	8285	7.7
4 years	64	7.5	7564	7.0
5 years and over	228	26.6	43826	40.6
TOTALS	857	100.0	108046	100.0

Source: U. S. Agricultural Census.

TABLE 23
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms											
	1928		1930		1932		1934		1936		1938	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0-9	27	1.64	42	2.48	50	3.01	42	2.52	44	2.72	37	2.35
10-29	60	3.64	77	4.54	75	4.51	86	5.16	89	5.50	75	4.76
30-49	69	4.19	90	5.31	80	4.81	85	5.10	80	4.94	65	4.13
50-69	37	2.24	39	2.30	39	2.35	44	2.64	38	2.35	42	2.67
70-109	324	19.66	356	21.00	338	20.34	327	19.61	313	19.34	326	20.70
110-149	271	16.44	254	14.99	261	15.71	257	15.42	261	16.15	237	15.05
150-189	389	23.60	372	21.95	354	21.30	382	22.91	342	21.14	321	20.38
190-229	137	8.31	134	7.91	132	7.94	114	6.84	121	7.48	124	7.87
230-269	120	7.28	126	7.43	130	7.82	133	7.98	137	8.47	139	8.83
270-309	54	3.28	55	3.24	55	3.31	49	2.94	54	3.34	56	3.56
310-349	69	4.19	74	4.37	66	3.97	62	3.72	53	3.27	63	4.00
350-389	25	1.52	22	1.30	21	1.27	26	1.56	25	1.54	27	1.71
390-429	24	1.46	19	1.12	20	1.20	22	1.32	16	.99	19	1.21
430-469	9	.55	7	.41	10	.60	10	.60	12	.74	10	.63
470-509	15	.91	10	.59	9	.54	10	.60	12	.74	12	.76
510-549	9	.55	5	.29	7	.42	4	.24	5	.31	2	.13
550-589	2	.12	2	.12	4	.24	5	.30	5	.31	8	.51
590-629	1	.06	1	.06	3	.18	1	.06	3	.19	4	.25
630-669	3	.18	7	.41	3	.18	2	.12	3	.19	3	.19
670-709	2	.12	1	.06	2	.12	2	.12	1	.06	1	.06
710-over	1	.06	2	.12	3	.18	4	.24	4	.25	4	.25
Total Farms	1648	100.00	1695	100.00	1662	100.00	1667	100.00	1618	100.00	1575	100.00

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 24
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-1939

Year	Automobiles	Trucks	Tractors	Radios
1926	1,394	55	152	303
1927	1,418	83	143	515
1928	1,475	96	198	622
1929	1,451	91	217	687
1930	1,491	120	276	797
1931	1,453	95	303	798
1932	1,381	102	291	735
1933	1,289	67	260	564
1934	1,303	68	248	560
1935	1,273	71	235	626
1936	1,302	84	318	778
1937	1,226	71	371	799
1938	1,269	56	423	875
1939	1,287	66	431	936

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 25
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

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Township	Insurance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Pleasant	4385	360	774	343	280	440	6582	36.85
Sand Creek	4302	170	80	80	651	135	5418	23.35
Grant	2818	280	140	593	600	-	4431	20.45
Platte	1279	187	613	395	160	80	2714	11.95
Jones	2336	480	275	-	1544	-	4635	25.26
Union	2415	654	479	-	80	647	4275	19.06
Highland	1240	-	105	-	585	-	1930	8.73
Douglas	150	37	-	290	-	-	477	2.33
New Hope	2432	200	120	160	120	237	3269	14.90
Dodge	2160	829	400	-	280	280	3949	18.15
Lincoln	440	80	240	280	320	160	1520	6.87
Spaulding	620	440	-	160	160	-	1380	6.22
County Total	24577	3717	3226	2301	4780	1979	40580	15.80

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 26
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insurance Companies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Pleasant	4265	320	280	423	280	972	6540	36.61
Sand Creek	4707	170	80	240	651	135	5983	25.79
Grant	3890	160	20	1089	520	-	5679	26.21
Platte	2149	280	-	587	640	80	3736	16.45
Jones	2596	740	175	495	1864	92	5962	32.49
Union	2535	314	479	-	160	727	4215	18.79
Highland	1880	-	105	400	585	40	3010	13.61
Douglas	150	37	-	630	-	-	817	3.99
New Hope	2770	160	240	480	320	117	4087	18.63
Dodge	2240	829	400	400	280	280	4429	20.35
Lincoln	830	80	240	1000	320	160	2630	11.90
Spaulding	756	440	-	320	160	160	1836	8.28
County Total	28768	3530	2019	6064	5780	2763	48924	19.05

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 27
VALUE OF FARM LAND AND BUILDINGS
1880-1935

Year	Number of Farms	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	1,425	188,454	-	-	\$ 3,545,732	\$ 18.81	\$ 2,488
1890	1,487	228,402	-	-	5,514,465	24.14	3,708
1900	1,823	268,513	8,622,540	1,593,330	10,215,870	38.04	5,604
1910	1,619	252,807	17,279,471	2,950,890	20,230,361	80.02	12,496
1920	1,631	259,064	38,467,523	5,542,557	43,010,074	166.02	26,370
1925	1,588	248,744	20,807,975	5,251,709	26,059,684	104.77	16,410
1930	1,626	256,789	19,472,806	6,125,685	25,598,491	99.69	15,743
1935	1,662	263,636	-	-	12,518,415	47.48	7,532

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U. S. Agricultural Census.

TABLE 28
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 10,832.29	\$ 22,278.18	\$ 33,110.47
Soldiers' Bonus Tax	2,932.57	4,152.51	7,085.08
General County Tax	8,124.23	16,708.56	24,832.79
Court Expense Tax	3,249.69	6,683.44	9,933.13
Poor Tax	8,124.23	16,708.55	24,832.78
Insane Tax, State Hospital	2,247.72	4,622.73	6,870.45
Insane Tax, County Hospital	1,462.37	3,007.57	4,469.94
County School Tax	1,354.03	2,784.74	4,138.77
Soldiers' Relief Tax	1,354.03	2,784.74	4,138.77
General County Bond Tax	6,553.54	13,478.26	20,031.80
Court House Tax	-	-	-
Emergency Tax	5,416.14	11,139.10	16,555.24
Bovine Tuberculosis Eradication	-	-	-
Secondary Roads - Construction	6,154.38	19,493.42	25,647.80
Secondary Roads - Maintenance	7,063.85	47,341.11	57,098.98
District School Tax	160,566.78	112,231.04	272,797.82
City Tax	72,822.12	-	72,822.12
Miscellaneous Taxes	678.54	1,726.10	2,404.64
Total	298,936.51	285,140.05	584,076.56*

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
State Board of Assessment and Review.

TABLE 29
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	5	4	4
2. One-room rural elementary	81	79	77
3. Two-room (or more) rural elementary	-	-	-
4. Elementary, not rural	12	12	12
5. Separately organized Jr. High	2	1	1
6. Jr.-Sr. High, one organization	1	-	-
7. Separately organized Sr. High	1	-	-
8. Regular High, 4 years or less	6	8	8
9. Junior College	1	1	1
Total Number of Schools	109	105	103

TABLE 30
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	167	103	117
2. One-room rural elementary	1,075	973	812
3. Two-room (or more) rural elementary	-	-	-
4. Elementary, not rural	1,697	1,632	1,321
5. *Jr.-Sr. High, one organization	984	307	273
6. Regular High, 4 years or less	333	1,040	1,093
7. Junior College	84	103	92
Total Enrollment in all Schools	4,340	4,158	3,708

*Includes enrollment for School Types 5, 6 and 7 in Table 29.

Source: Annual Reports of County Superintendents to
State Department of Public Instruction.

TABLE 31
MILES OF ROADS BY TYPE
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	46.00	626.75	672.75
Improved	-	24.75	4.75	29.50
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	13.7	31.75	-	45.45
Stone	-	41.50	6.50	48.00
Paved				
Bituminous	-	-	-	-
Concrete	41.2	-	-	41.20
Brick	-	-	-	-
County Total	54.9	144.00	638.00	836.90

Source: Annual Report, 1938,
Iowa Highway Commission.